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10/644,406

~~INFORMATION DISCLOSURE
STATEMENT BY APPLICANT~~
~~SHEET OF~~

Substitute for form 1449PTO

Application No: ~~10/339,077~~

Filing Date: March 30, 2005

First Named Inventor: Wang

Art Unit: 3731

Examiner's Name:

Attorney Docket No.: 22001-846US

see office
action
Sr. G

US Patent Documents

FOREIGN PATENT DOCUMENTS

Examiner's initials	Cite No	Foreign Patent Document Cty CD Number -Kind Code	Publication Date mm-dd-yy	Name of patentee or Applicant of Cited Document	Pages Columns, Lines where relevant Passages or Relevant Figures Appear

Examiner Signature Mark L

Date Considered 8/1/05

MAY 27 2005

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

Approved for use through 07/31/2006. OMB 0651-003
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449/P

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

of

Complete if Known

Application Number	10/644.406
Filing Date	8/19/2003
First Named Inventor	NIEMEYER, GUNTER D
Art Unit	2125
Examiner Name	GARLAND
Attorney Docket Number	017516-002130

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
		Country Code ² -Number ⁴ -Kind Code ⁵ (if known)			
SMB		WO 97/43943	11/27/1997	MADHANI	
SMB		WO 97/43942	11/27/1997	MADHANI	
SMB		WO 97/29690	8/27/1997	WANG	

**Examiner
Signature**

Mall

Date
Considered

86/125

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Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10,644,408
		Filing Date	9/19/2003
		First Named Inventor	NIEMEYER, GUNTER D
		Art Unit	2121
Examiner Name	UNASSIGNED		
Sheet	of	Attorney Docket Number	017516-002130US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
Sh b		Komada et al. "Bilateral robot hand based on estimated force feedback" Proceedings IECON '87, Cambridge, MA, November 3-6, 1987, pp. 602-607.		
SL 6		Baumann, R., Thesis No. 1734 entitled "Haptic interface for virtual reality based laparoscopic surgery training environment" for Master of Science in Computer and Systems Engineering, Rensselaer Polytechnic Institute, USA (1997) pp. 98-103.		
SP 2		Lazarevic, "Feasibility of a Stewart Platform with Fixed Actuators as a Platform for CABG Surgery Device" Master's Thesis, Columbia University, Department of Bioengineering, pp. 1-45.		
SNL		Madhani, Akhil Jiten, Dissertation entitled Design of Teleoperated Surgical Instruments for Minimally Invasive Surgery, Mass. Institute of Tech. (©Feb. 1998)		
SA b		Neiss et al., "Robotic manipulator for endoscopic handling of surgical effectors and cameras," 1st Int'l. Symposium on Medical Robotics and Computer Assisted Surgery, Workshop (Part I & II)—Session VI, Pittsburgh, Pennsylvania (Sep. 22-24, 1994) vol. 2, pp. 169-175.		
Sh 6		Thring, "Robots and telechirs: Manipulators with memory; remote manipulators; machine limbs for the handicapped" (1993) M W. Thring/Ellis Horwood Ltd. pp. 9-11, 122-131, 194-195, 235-257, 274-279.		

Examiner Signature	<i>Hasler</i>	Date Considered	8/1/05
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	017516-002130US
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U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
SNL	1	5,053,976	10-01-1991	Nose et al.	
SLV	2	5,631,973	05-20-1997	Green	
SLV	3	5,808,665	09-15-1998	Green	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	Number ⁴ Kind Code ⁵ (if known)			
SNL	4	WO	97/29690	08-21-1997	Computer Motion, Inc.	
SLV	5	WO	97/43942	11-27-1997	Intuitive Surgical, Inc.	
SLV	6	WO	97/43943	11-27-1997	Intuitive Surgical, Inc.	

Examiner Signature	<i>Garland</i>	Date Considered	8/1/05
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Substitute for form 1449B/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Application Number</i>	10/644,406
				<i>Filing Date</i>	August 19, 2003
				<i>First Named Inventor</i>	NIEMEYER, GUNTER D.
				<i>Art Unit</i>	2125
				<i>Examiner Name</i>	Garland
Sheet	2	of	2	<i>Attorney Docket Number</i>	017516-002130US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		
gnl	7	BAUMANN, Thesis No. 1734 entitled "Haptic interface for virtual reality based laparoscopic surgery training environment" for Master of Science in Computer and Systems Engineering, Rensselaer Polytechnic Institute, USA (1997) pp. 98-103.		T ²
gnl	8	KOMADA et al. "Bilateral robot hand based on estimated force feedback" Proceedings IECN '87, Cambridge, MA, November 3-6, 1987, pp. 602-607.		
gnl	9	LAZAREVIC, "Feasibility of a Stewart Platform with Fixed Actuators as a Platform for CABG Surgery Device" Master's Thesis, Columbia University, Department of Bioengineering, pp. 1-45		
gnl	10	MADHANI, Dissertation entitled Design of Teleoperated Surgical Instruments for Minimally Invasive Surgery, Mass. Institute of Tech. (©Feb. 1998)		
gnl	11	NEISUS et al., "Robotic manipulator for endoscopic handling of surgical effectors and cameras," 1st Intl. Symposium on Medical Robotics and Computer Assisted Surgery, Workshop (Part I & II)--Session VI, Pittsburgh, Pennsylvania (Sep. 22-24, 1994) vol. 2, pp. 169-175.		
gnl	12	THRING, "Robots and telechirs: Manipulators with memory; remote manipulators; machine limbs for the handicapped" (1993) M.W. Thring/Ellis Horwood Ltd. pp. 9-11, 122-131, 194-195, 235-257, 274-279		

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